



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*Receipt #1
J. Davis
1-22-02*

In re Application of

Krasny et al.

Serial No. 09/943,551

Filing Date: August 30, 2001

For: **Enhanced Time of Arrival Estimation
Using Reduced Complexity Optimal
Processing**

Attorney Docket No. 4015-987

Patent Pending

Group Art Unit: 2681

Cary, North Carolina
November 5, 2001

Office of Initial Patent Examination
Customer Service Center
Assistant Commissioner for Patents
Washington, D.C. 20231

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REQUEST FOR FILING RECEIPT CORRECTION

Sir:

Applicant requests that the filing receipt mailed October 3, 2001 be corrected as follows:

Please change the misspelled word in the title from "Enhanced time of arrival estimation **usig** reduced complexity optimal processing" - - to - - Enhanced time of arrival estimation **using** reduced complexity optimal processing.

Applicant encloses a copy of the transmittal form originally filed with the application on August 30, 2001 for your consideration and kindly notes incorrect spelling is the fault of the Office. As such, no charges should be incurred.

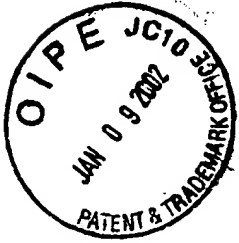
Respectfully submitted,
Coats & Bennett, P.L.L.C.

By:

Michael D. Murphy

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CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS DOCUMENT IS BEING DEPOSITED WITH THE UNITED STATE POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, IN AN ENVELOPE ADDRESSED TO: **Office of Initial Patent Examination, Customer Service Center, Assistant Commissioner for Patents Washington, D.C. 20231**

Signature: Michael L. Munn

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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/943,551	08/30/2001	2681	988	4015-987	7	31	4

24112
COATS & BENNETT, PLLC
P O BOX 5
RALEIGH, NC 27602

CONFIRMATION NO. 9640

FILING RECEIPT



OC000000006840787

Date Mailed: 10/03/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Leonid Krasny, Cary, NC;
Havish Koorapaty, Cary, NC;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 10/03/2001

Projected Publication Date: 03/06/2003

Non-Publication Request: No

Early Publication Request: No

Title

Enhanced time of arrival estimation using reduced complexity optimal processing

→ USING

Preliminary Class

455

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COPY

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 4015-987

First Inventor or Application Identifier

Leonid Krasny

Title

ENHANCED TIME OF ARRIVAL ESTIMATION USING
REDUCED COMPLEXITY OPTIMAL PROCESSING

Express Mail Label No.

EL849688321US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ *Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 30]
(preferred arrangement set forth below)
 - Descriptive title to the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
4. ☒ Oath or Declaration [Total Pages 4]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 4b,
is considered as being part of the disclosure of the
accompanying application and is hereby incorporated by
reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 C.F.R. § 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS
Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ *Small Entity ☐ Statement filed in prior application,
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☒ Other: Express Mail Certification

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE
ENTITLED TO PAY SMALL ENTITY FEES, A SMALL
ENTITY STATEMENT IS REQUIRED (37 C.F.R.
§ 1.27), EXCEPT IF ONE FILED IN A PRIOR
APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary statement:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

 of prior application No: _____ / _____
 Examiner: _____ Group/Art Unit: _____

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Labelor ☐ Correspondence address below

(Insert Customer No. or Attach Bar code label here)

NAME

PATENT TRADEMARK OFFICE

ADDRESS

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE

FAX

Name (Print/Type)

Michael D. Murphy

Registration No. (Attorney/Agent)

44,958

Signature

Michael D. Murphy

Date

August 30, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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Bib Data Sheet

CONFIRMATION NO. 9640

SERIAL NUMBER 09/943,551	FILING DATE 08/30/2001 RULE	CLASS 455	GROUP ART UNIT 2683 2684	ATTORNEY DOCKET NO. 4015-987
APPLICANTS Leonid Krasny, Cary, NC; Havish Koorapaty, Cary, NC;				
** CONTINUING DATA ***** PHD NONE				
** FOREIGN APPLICATIONS ***** PHD NONE				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 10/03/2001				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance		STATE OR COUNTRY NC	SHEETS DRAWING 7	TOTAL CLAIMS 31
Verified and Acknowledged Examiner's Signature <u>an</u> Initials		INDEPENDENT CLAIMS 4		
ADDRESS 24112				
TITLE Enhanced time of arrival estimation using reduced complexity optimal processing				
FILING FEE RECEIVED 988	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	